

WHAT IS CLAIMED IS:

1. A supply-and-demand plan making method of making a supply plan for a manufacture site capable of manufacturing a plurality of items, the supply plan realizing a supply of each item by satisfying a delivery time for planned demand, the method comprising steps of:

comparing a pre-stored manufacture capacity at said site with given demand at each time point, and if a supply disabled item exists, deriving the number of supply disabled items and a time point when a supply becomes disabled and storing the number of supply disabled items and the time point in a storage device as information representative of a supply disabled reason;

displaying, on a display device as a list, planned demand at each of a plurality of proceeding periods, a corresponding supply plan proposal, said site where a supply disabled state occurs, and information representative of a quantity, and displaying said site where the supply disabled state occurs and a supply disabled quantity in the period during which the supply disabled state occurs; and

receiving an external instruction of displaying the supply disabled quantity and displaying information identifying an item constituting the supply disabled quantity and information on a requested delivery time, a requested quantity and a supply

quantity respectively of the item.

2. A supply-and-demand plan making method according to claim 1, wherein said supply-and-demand plan is automatically adjusted in accordance with the derived information on the item constituting the supply disabled state and the information of said site where the supply disabled state occurs.

3. A supply-and-demand plan making method according to claim 2, wherein automatic adjustment of said supply-and-demand performs delivery time adjustment.

4. A supply-and-demand plan making method according to claim 2, wherein automatic adjustment of said supply-and-demand receives a change instruction to change supply means for transporting said item from said site to another site and changes said supply means.

5. A supply-and-demand plan making method according to claim 2, wherein automatic adjustment of said supply-and-demand receives a change instruction of changing a manufacture capacity assignment during a proceeding period at said site where the supply disabled state occurs and changes the manufacture capacity assignment during said period.

6. A computer program product for an information terminal which makes a supply plan for a manufacture site capable of manufacturing a plurality of items, the supply plan realizing a supply of each item by

satisfying a delivery time for planned demand, the product comprising:

at least one readable medium;

a program code stored in said medium and executed by a processor of said information terminal, said program code comprising steps of:

comparing a pre-stored manufacture capacity at said site with given demand at each time point, and if a supply disabled item exists, deriving the number of supply disabled items and a time point when a supply becomes disabled and storing the number of supply disabled items and the time point in a storage device as information representative of a supply disabled reason;

displaying, on a display device as a list, planned demand at each of a plurality of proceeding periods, a corresponding supply plan proposal, said site where a supply disabled state occurs, and information representative of a quantity, and displaying said site where the supply disabled state occurs and a supply disabled quantity in the period during which the supply disabled state occurs; and

receiving an external instruction of displaying the supply disabled quantity and displaying information identifying an item constituting the supply disabled quantity and information on a requested delivery time, a requested quantity and a supply quantity respectively of the item.

7. A supply-and-demand plan making system for making a supply plan for a manufacture site capable of manufacturing a plurality of items, the supply plan realizing a supply of each item by satisfying a delivery time for planned demand, the system comprising:

means for storing a manufacture capacity of said manufacture site;

means for comparing given demand with the manufacture capacity at each time point, and if a supply disabled item exists, deriving the number of supply disabled items and a time point when a supply becomes disabled and storing the number of supply disabled items and the time point in a storage device as information representative of a supply disabled reason;

means for displaying, on a display device as a list, planned demand at each of a plurality of proceeding periods, a corresponding supply plan proposal, said site where a supply disabled state occurs, and information representative of a quantity;

means for displaying said site where the supply disabled state occurs and a supply disabled quantity in the period during which the supply disabled state occurs; and

means for receiving an external instruction of displaying the supply disabled quantity and

displaying information identifying an item constituting the supply disabled quantity and information on a requested delivery time, a requested quantity and a supply quantity respectively of the item.

8. A supply-and-demand plan making system according to claim 7, further comprising supply plan automatic adjusting means for automatically adjusting said supply plan in accordance with the derived information on the item constituting the supply disabled state and the information of said site where the supply disabled state occurs.

9. A supply-and-demand plan making system according to claim 8, further comprising delivery time adjusting means as said supply plan automatic adjusting means.

10. A supply-and-demand plan making system according to claim 8, wherein said supply plan automatic adjusting means automatically adjusts said supply-and-demand plan by changing supply means in accordance with a change instruction to change said supply means for transporting said item from said site to another site, said change instruction having been received via input means.

11. A supply-and-demand plan making system according to claim 8, wherein said supply plan automatic adjusting means automatically adjusts said supply-and-demand plan by changing a manufacture capacity assignment in a proceeding period at said site

where the supply disabled state occurs, in accordance with a change instruction to change said manufacture capacity assignment in the proceeding period.